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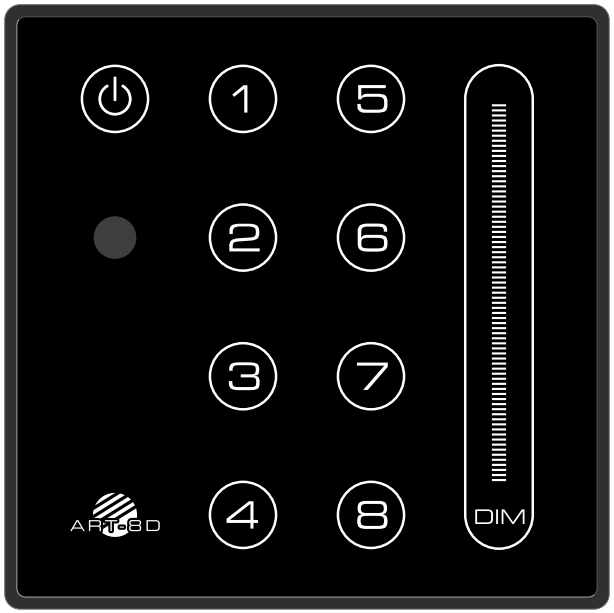
24-004-3409-00
Rev1.0

ACCLAIM LIGHTING

ART-8D



USER'S MANUAL

Please read this manual carefully and thoroughly before operating this unit.

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Note

DESCRIPTIONS

The ART-8D is a lighting controller with 8 scenes, featuring touch interface, online control, data transfer, infrared remote control.

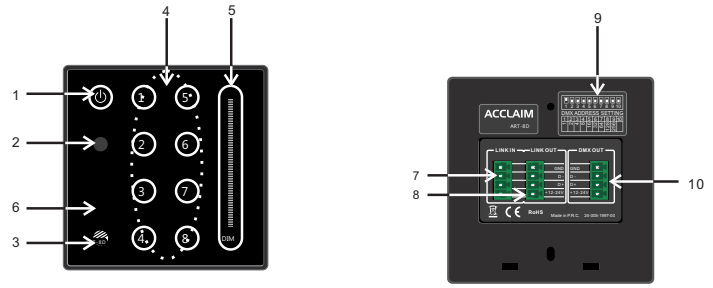
FEATURES

- 8 scenes, 8 DMX channels for each scene.
- Fade-in-time and switch off fade-time available for each scene
- Lock function for front panel and program
- Infrared remote control
- External timing trigger controllable, different scenes can be raised and close by timing
- Online control function available, up to 32 units can be connected on a linking
- Transfer function for data . All the date of the current device can be sent to other online devices
- Auto dimming function for front panel back light. The back light will automatically dim if no action is triggered within 1minute.
- Raising/ shutting different scenes via external time trigger
- Black, white and grey housing available for selection
- Power failure protection

SPECIFICATIONS

Voltage Requirement	12~24VDC
Connector	4 Pin terminal
Dimensions	85x85x19(mm)
Weight	100g

LAYOUT



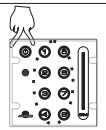
OPERATION GUIDE

NOTE: Press M1 and M2 button for 5s can switch between Programming Mode1 and Programming Mode2, the factory default is programming mode1.

1.Programming Mode1

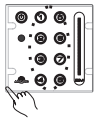
To edit a scene in programming Mode1

Step 1. Power ON this unit, press scene 1 button(first) and the power switch for 5s, the back light of power switch will blink, indicating that the programming mode is activated.

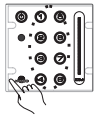


Step 2. Select a scene to be edited, press the corresponding figure button for 3s, the back light of power switch and selected scene button will blink, indicating the desired scene's selected.

Step 3. Select a figure between 1 to 8 to choose the DMX channel, the back light of the power switch and corresponding figure button will keep blinking when the figure is selected, indicating it's still in the procedure of editing the selected scene.



Step 4. Adjust the DMX value via the DIM SLIDER. The rest DMX value can be set in the same way.

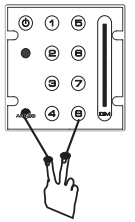


Step 5. Press the M1 button for 3s to activate the Fade-In-Time mode, the back light of button 1-8 and M1 will blink.

Step 6. Select a figure button within the range of 1-8 to set the Fade-In-Time value as the corresponding figure. For example, press figure button1 for 1s.

Factory Default setting

keep pressing "M1" and "8" button for 10 seconds, the device will be set as factory default.



Power failure protection

This function will protect your data from power failure. after powered on, it will recover to the stage where it was shut down.

REMOTE CONTROLLER

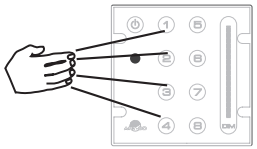
The ART-8D is available in infrared remote control.

choose a figure button between1 to 8 and push it for 0.5s and the corresponding scene can be raised, use DIM+ / DIM- to adjust the master intensity of the scene.

Tap the figure 1-8 to select the DMX channel 1-8 for the current scene.(if the interval of pressing each button is less than 0.8s, the operation can select the more channels.) Use DIM+ / DIM- to adjust the DMX value of the channel. The power button is used to power ON / OFF this unit.

Key tone

This device allows you to switch the key tone to ON or OFF.
Press the button 1,2 ,3 and 4 at the same time to switch the key tone between ON and OFF.

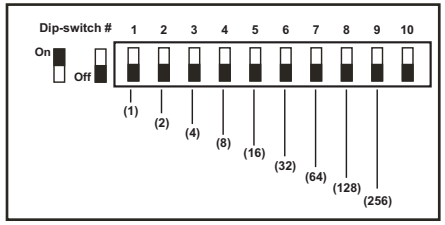


DMX Address setting

The DMX initializing address for the 8 channels can be set via the dip-switch on the rear panel of this unit. each dip switch represents a binary value.

Here are the DMX Address Setting diagram and Dmx Address for matching with the dip switches for your reference.

DMX Address Setting



DMX Address Table

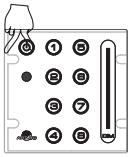
DMX START CH#	DIP-SWITCHS ON	DMX START CH#	DIP-SWITCHS ON
1	1	11	1, 2, 4
2	2	12	3, 4
3	1, 2	13	1, 3, 4
4	3	14	2, 3, 4
5	1, 3	15	1, 2, 3, 4
6	2, 3	16	5
7	1, 2, 3	:	:
8	4	:	:
9	1, 4	:	:
10	2, 4	511	1,2,3,4,5,6,7,8,9

Step 7. Press the power switch for 3s to activate the SwitchOFF Fade-Time mode, the back light of figure button 1-8 and M1 button will blink, select a figure within the range of 1-8 to set the SwitchOFF Fade-Time value as the corresponding selected figure.

Step 7.

Note: If you want to edit other scenes, press the corresponding figure button for 3s, and repeat step2 to step 7 to accomplish the setting.

Step 8 Press power switch and scene1 button to exit the programming mode.



2. Programming Mode2

When this unit is programmable, press M1 button and any figure button between 1to 8 for 2s to save the current channel DMX values to the corresponding scene.

Other ways to set the Fade-in-time and Switch Off fade-time

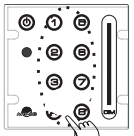
Way A

Step1. Keep pressing the M2 button(invisible) for 2s to activate the Fade-in-time mode.

Step2. Press a figure button selected between 1 to 8, press it once, the value will be set as the corresponding figure. For example, press figure button 5 once, the Fade-in-time value is set as 5s;

Step 1.

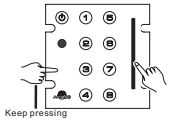
Step3. Press two figure buttons, and the very first one will be set as the tens digit, while the second will be set as ones digit. The back light of tens digit will blink while the ones digit's will be lit. For example, the first digit is 5, and the second is 6, the back light of 5 will blink, and the 6's is lit, indicating that the current value is 5*10+6=56.



Step 2&3.

Step4. Release the M2 button after confirmation, the setting will be saved automatically.

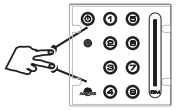
Note: Additionally, when fade-in-time setting mode is activated, the fade-in-time value can also be set via the DIM SLIDER within the range of 1-88.



Keep pressing

Way B

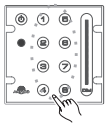
Press the M2 button and power switch for 2s to activate the Switch Off fade-time setting mode, release the power switch and the procedure for setting the value of Switch Off fade-time is the same as setting Fade-in-time.



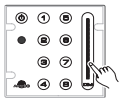
Way B

User Mode

a. In this mode, press any figure button between 1-8 for 0.5s can recall scene 1-8, then use the DIM SLIDER to adjust the intensity for the selected scene.



Raise a scene



Adjust intensity

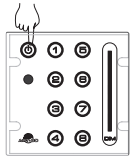
b. Tap any figure button to select DMX channel for the current scene within the range of 1-8, the DMX value for the selected scene can be adjusted via the DIM SLIDER.

Notes: If the interval between pressing two buttons is less than 0.8s, user can select more channels(max 8 channels).

Other Functions

Power ON/OFF

Tap the power switch button softly to turn ON or OFF the unit, press any key to turn on this unit while it's OFF.

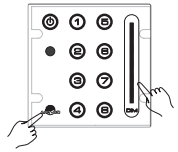


Front Panel Lock

Keep pressing the M1 button and adjust the DIM SLIDER to lock or unlock the unit.

a. when the back light of DIM SLIDER is full on, the front panel is locked, all the buttons are no longer functioned.

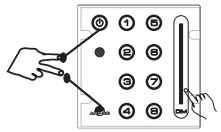
b. when the back light of DIM SLIDER is out, the front panel is unlocked.



Programme Lock

Keep pressing M1 and power switch buttons, adjust the DIM SLIDER at the same time.

a. when the back light of DIM SLIDER is full on, all the programs are locked, in this stage, users don't have the access to any programs or save any revised scenes.



b. when the back light is out, all the programs will be unlocked.

Data Copy

Press and hold on "M1" for 10 seconds may send all the data from the current unit to the others, at this time the DIM_SLIDER starts to chase, about 10 seconds later, all the online devices will restart and the data sending will be completed.